

Why is a change being made to NBS?

The Centers for Disease Control and Prevention (CDC) revised its official form for reporting TB cases (Report of Verified Cases of TB (RVCT)) in 2020. To capture the new and revised data elements in the updated RVCT form, the TB investigation module in NBS needed to be revised.

What is the timing of the NBS upgrade?

The changes will be implemented between April 1-2, 2023.

What will change in the TB Investigation Module?

There will be several changes within the TB investigation module, including:

- Modification of existing variables, including:
 - Addition of repeating block groups allowing an unlimited number of responses for:
 - Additional laboratory test results and imaging results
 - Previous TB details
 - Links to other cases
 - CD4 count for individuals living with HIV
 - Fasting blood glucose or A1c results for patients living with diabetes
 - Simplified options for "Primary reason evaluated for TB"
 - Additional medical risk factors:
 - Viral hepatitis (B or C only), co-infection or history of COVID-19
 - Reworded U.S.-born question on if the person is eligible for U.S. citizenship or nationality at birth
 - New medications in initial drug regimen
 - Addition of date of death if it occurs after TB diagnosis
 - eDOT added as a type of treatment administration
- Addition of new variables, including
 - Pregnancy status
 - Smoking status
 - Ever homeless/correctional facility?
 - Previous LTBI diagnosis
 - Reason for not initially using standard first-line four regimen (RIPE/HRZE)
 - Census tract (to be completed by IDOH)
 - Molecular drug susceptibility testing (to be completed by IDOH)
 - Epidemiologic investigation data
 - Ever lived outside of USA longer than two months?
 - Country of usual residence
 - Binational status
 - Occupation and industry (to be completed by IDOH)
- Removal of several variables
 - Date submitted form to health department
 - Information on patient moved within state
 - Type of reporting laboratory
 - Type of outpatient healthcare provider
 - Immigration status at first entry to the U.S for non-U.S.-born persons
 - For persons incarcerated at TB diagnosis, the follow-up questions of whether under custody of Immigration and Customs Enforcement (ICE)
- Addition of a new tab to be completed for patients with multi-drug resistance disease

Are there parts of NBS that stay the same?

Yes, the Latent TB Investigation and Contact Investigation sections have not changed. In addition, the overall flow, use of notifications, and the Supplemental Info tab have not changed.

Where can I find training on the revisions?

A webinar has been recorded and posted to our TB program website walking through the changes. Access the recording at this link: <https://www.in.gov/health/tuberculosis/tb-nbs-training-materials/>.

The CDC's instruction manual for the RVCT is located at the following link: <https://www.cdc.gov/tb/programs/rvct/default.htm>

In addition, [Biak Chinpar](#), TB epidemiologist, and the regional nurse consultants will be available to have a virtual meeting to walk through the updated TB investigation form with each local health department.

What will happen to TB disease investigations entered during 2023 on the old form?

Any new TB investigations for 2023, entered in NBS on what will be the prior form will be moved by IDOH staff to the new form, including attachments. The LHD will be notified when this process is complete.

Will I be able to access TB investigations entered into NBS before the NBS upgrade?

Yes, investigations previously entered into NBS will still be accessible. You can search by patient ID and/or look for investigations under the condition name Retired-Tuberculosis.

TB investigations should continue to be updated as normal and closed out through normal processes upon treatment completion

Will the condition name in NBS change with the upgrade?

No, the condition name used to open new investigations will still be "Tuberculosis."

Why is there a MDR tab in the TB Investigation?

One of the revisions to the TB Investigation module in NBS was to add a tab to collect more data on multi-drug resistant (MDR) cases. This tab would only be completed when a laboratory confirmed case of MDR is identified. Additional guidance on completing this tab can be provided by IDOH staff as the need arises.

How will a new TB investigation be opened after the upgrade?

The steps to open a TB investigation will remain the same:

- Locate the patient record using "Patient Search"
- Select the "Events" tab on the patient record
- Select "Add New" under "Investigations"
- Select "Tuberculosis" from the dropdown

For additional information on opening a TB investigation, please see the TB NBS reference materials at the following link: <https://www.in.gov/health/tuberculosis/tb-nbs-training-materials/>.

What should I do if I have questions?

Please reach out to [Biak Chinpar/Keifer Taylor](#), TB epidemiologists, and/or your regional nurse consultant with questions.

More information about NBS TB training:

<https://www.in.gov/health/tuberculosis/tb-nbs-training-materials/>

